SMARTLINQ

GT100

Your personal safety mobile

User Guide

SMARTLINQ

Powered by
SAFELINQ
Global Safety and Security

www.safelinq.com

GT100
Your personal safety mobile

User Guide

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SMARTLINQ Precautions and Notices for Safety

Please read these safety instructions to ensure you use your handset correctly.

Precautions

- Turn your SmartLinQ off in a potentially explosive atmosphere.
- Turn your SmartLinQ off during a flight.
- Do not use your SmartLinQ whilst driving.
- Turn your SmartLinQ off in a hospital.
- Be aware of the details on electromagnetic waves of your SmartLinQ.
- Do not touch your SmartLinQ or its power plug with a wet hand.
- Do not remodel, disassemble, or repair your SmartLinQ on your own.
- Use only approved batteries and accessories.
- Use the standard charger acquired with a TTA certified mark.
- Do not keep your SmartLinQ in or near a source of heating, like an oven or microwave oven.

SMARTLINQ Compliance

This equipment is designed to comply with the local legislation in the country it is being sold.

If you require any compliance documentation, please contact your local distributor.

The SafeLinQ Service

The SmartLinQ mobile has been exclusively developed by SafeLinQ. For full details of the functionality of your SmartLinQ mobile go to www.safelinq.com. It should be noted that the SmartLinQ mobile will only operate in conjunction with the SafeLinQ service.

Getting started

SMARTLINQ 1. Introduction

The SmartLinQ mobile is a powerful GPS location device which is small in size and lightweight. It is designed for personal security and has an inbuilt emergency button as well as a motion sensor. Both these features ensure direct contact to your chosen control centre or emergency number should you encounter a difficult or threatening situation. As your location will be known, the control centre or emergency contact can deal with the situation efficiently and effectively.

The SmartLinQ is a quadband device and will work on GSM frequencies 850, 900, 1800 and 1900.

The SmartLinQ mobile offers controlled dialling by allowing four numbers to be called which are pre-programmed in the SafeLinQ website.

When the emergency button is activated, the SmartLinQ will immediately call and send its location information to the nominated emergency telephone number or control centre.

2. Features

- GPS (global positioning system) receiver
- Emergency button
- Motion sensor alert
- Low battery alert
- Speed sensor alert
- Four pre-programmable buttons
- Auto answer

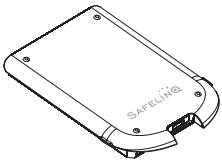
SMARTLINQ 3. Components

1 SmartLinQ mobile
2 Battery
3 Handsfree headset
4 AC-power adapter
5 This User Guide

Always use an approved SafeLinQ charger and battery.

Do not use non genuine parts as it could damage the battery or cause an explosion.

1



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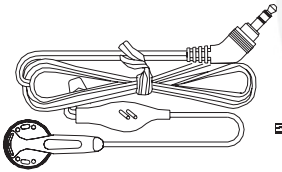

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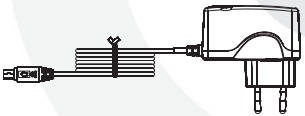

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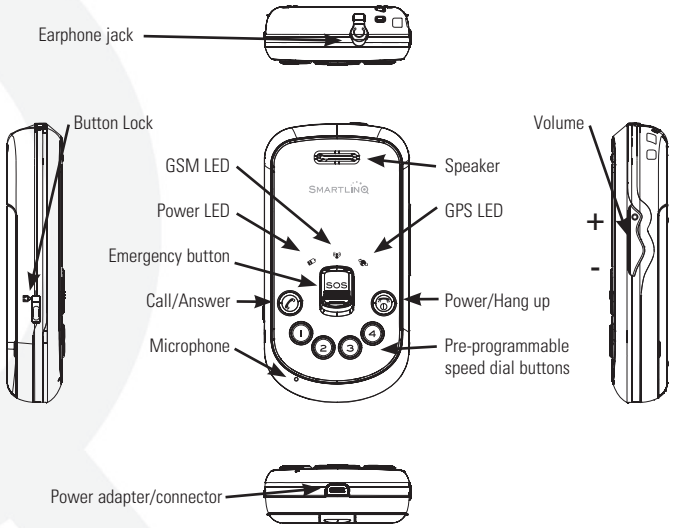
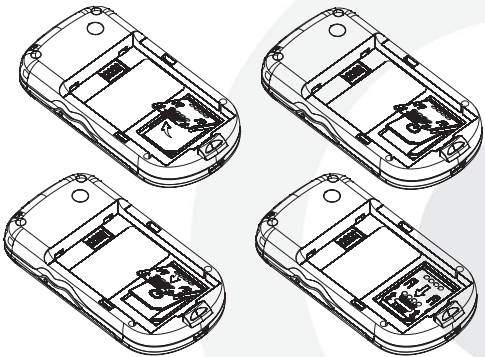
4. The SmartLinQ

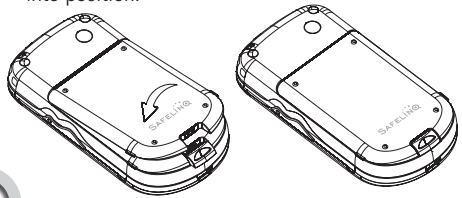


SMARTLINQ 5. Installing the SIM card

1 Slide the SIM card holder to the right and open it. Insert the SIM card as shown ensuring the gold contact area of the SIM card is facing downwards. Close the SIM card holder and move it to the left to lock.



2 Slide the battery back in at the top of the SmartLinQ mobile and push it down to lock it into position.

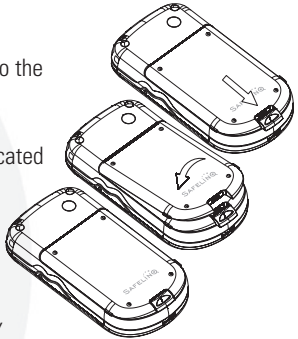


6. Install/De-install the Battery

6.1 INSTALL THE BATTERY

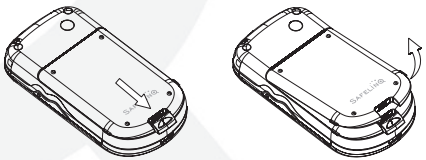
1 Fit the battery correctly into the groove.

2 Slide it all the way as indicated by the arrow, and lock the battery button into place.



6.2 DE-INSTALL THE BATTERY

Release the battery de-install button in the direction indicated by the arrow and remove the battery.



6.3 CHARGING THE BATTERY

Connect the lead from the charger to the socket on the bottom of the SmartLinQ.

Connect the charger to an AC wall socket. The Power LED will flash while the battery is being charged. Once charged, the Power LED will stay constant.

The SmartLinQ will beep as follows to alert the user that the battery is running low:

- 3 beeps indicate the battery has 40% of its power remaining.
- It will make one long beep when it has 20% of its power remaining.

SMARTLINQ 7. Buttons

7.1 BUTTON OVERVIEW
The phone panel consists of nine buttons.

- Power/Hang up Button
- Call/Answer Button
- Emergency Button
- Four pre-programmable Buttons
- Volume Button
- Lock Button

7.2 BUTTON DESCRIPTION

Power/Hang up

- To turn on.
  Press the power/hang up button for at least 3 seconds until you see the GSM blue LED light come on.

- To Turn off.
  Press for 3 seconds until all LED's are off.

- To refuse an incoming call.
  Press while ringing.

- To end a call.
  Press whilst in a call.

Call/Answer

- To make a call.
  Press this button after pressing one of the pre-programmable buttons and hearing a beep.

- To answer an incoming call.
  Press while ringing.

Emergency Button

To activate, slide the emergency button up and the SmartLinQ will immediately call and send its location information to the nominated emergency telephone number or control centre.

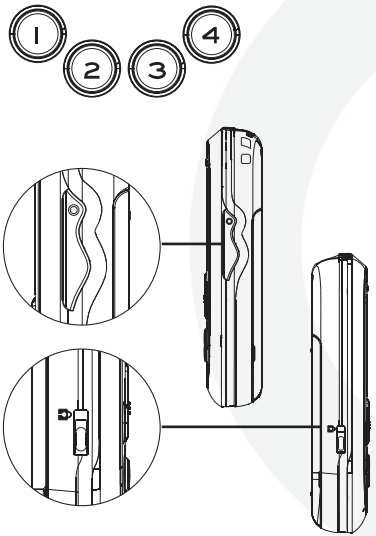
Pre-programmable buttons
To call the number programmed behind one of the four pre-programmable buttons, press the relevant button, wait for a beep and then press the call/answer button.

Volume

- To increase the volume of a call.
  Press the upper part of the volume button.

- To decrease the volume of a call.
  Press the lower part of the volume button.

Lock
Slide the button up to lock all the buttons except the emergency button.



8. LED's and Connectors

GSM LED

- If the SmartLinQ mobile cannot establish a GSM connection, the LED will flash quickly.

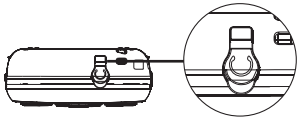
- If the SmartLinQ mobile is connected to the GSM network, the LED will flash slowly.

GPS LED

While the SmartLinQ mobile is searching for a GPS connection, the GPS LED will flash quickly. When a connection is established, the LED will light up for 3 seconds before switching off.
If a GPS connection cannot be found, the light will switch off straight after the flashing has stopped.

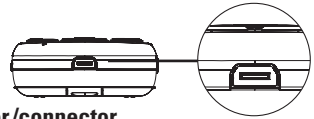
Power LED

The Power LED will flash while the battery is being charged. Once charged, the Power LED will stay constant.



Headset connector

Headset connection point.



Power adapter/connector

Connection point for the AC power adapter for charging the battery.

SMARTLINQ 9. Operating your SmartLinQ mobile

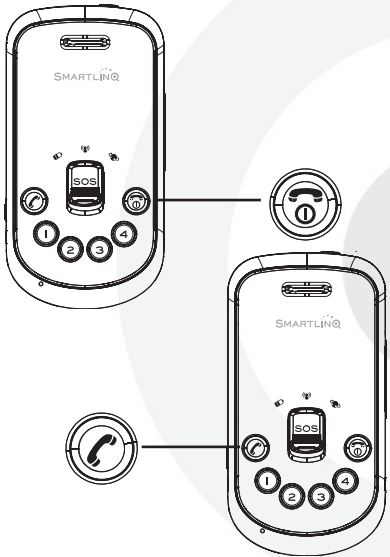
9.1 SWITCHING YOUR SMARTLINQ MOBILE ON/OFF

- To Turn on: Press the power/hang up button for at least 3 seconds until you see the GSM blue LED light come on. The GSM LED will flash quickly until the SmartlinQ mobile registers with the GSM network. After successful registration the GSM will flash slowly. It will continue to Flash at a slow pace.

- To turn off: Press the Power/Hang up button for at least 3 seconds to switch the SmartLinQ mobile off.

9.2 CALL/ANSWER

- Press the Call/Answer button to answer an incoming call.



9.3 ADJUST THE VOLUME

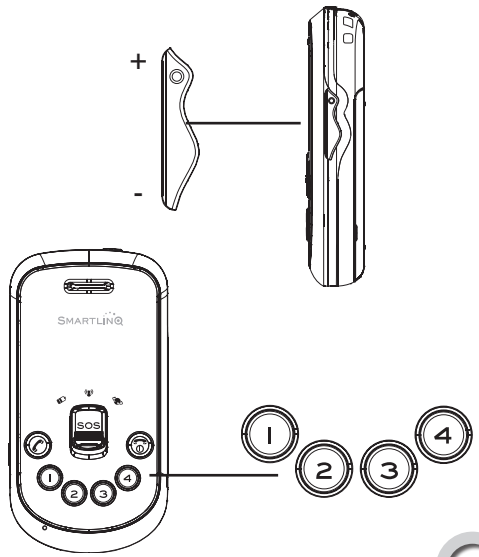
- Whilst on a call, press the upper part of the Volume button to increase the volume, and press the lower part of the volume button to decrease the volume.

9.4 MAKE A PHONE CALL

- You can store four pre-programmed numbers in your SmartLinQ mobile.

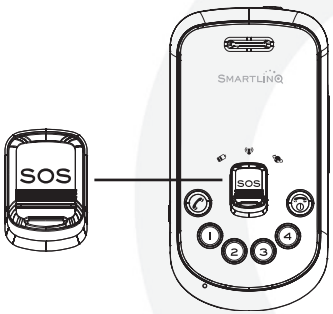
- When you want to call one of the numbers, first press the relevant short dial button, wait for the beep and then press the Call/Answer button.

- Press the Power/Hang up button to end the call.



9.5 EMERGENCY BUTTON

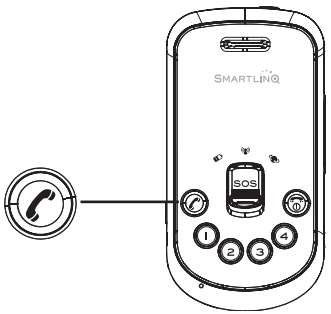
When activated, the SmartLinQ emergency button will immediately call and send its location information to the nominated emergency telephone number or control centre.



9.6 AUTO ANSWER

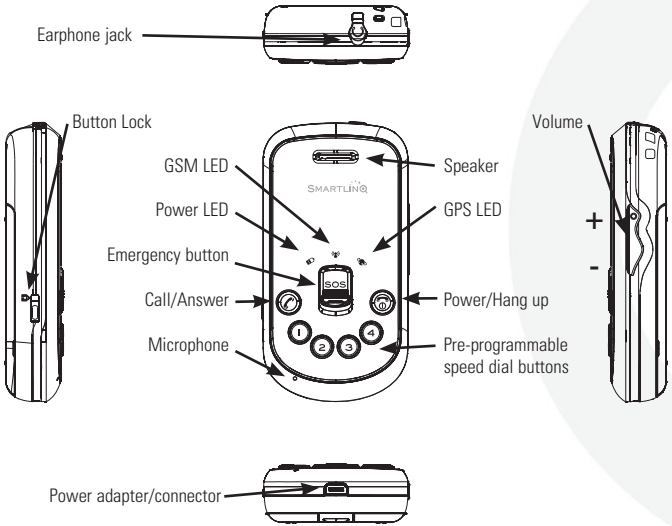
The Auto Answer function can be used when a user is in an emergency and unable to receive a call by pressing the Call/Answer button.

The Auto Answer function is set up on the SafeLinQ website. Please note: Auto Answer can only be accessed by the numbers which are programmed into the pre-programmed buttons 1 and 2.



When Auto Answer is activated, the microphone volume will automatically be set to the maximum level and the speaker volume to the medium level.

10. Technical Specifications



General	
Dimension (mm – H/W/D)	86 x 46 x 16.8 mm
Weight (g)	72g
Talktime	3 hours
Standby	100 hours

Hardware	
GPS Baseband	SIRF GSC3F
Band	Quad band GSM 850/900/1800/1900
Receiver	20 x 11 mm
Speaker	20 x 11 mm
Screen	No
Indicator light x 3	Charge light GSM status indicator light GPS status indicator light
Keyboard backlight	LED - Navy blue
Vibrate Mode	To activate or de-activate, press the 'volume down' button

GSM Antenna	Internal antenna
GPS Antenna	Internal antenna
Memory	32M bits FLASH + 16M bits RAM
System Interface	Proprietary
Earphone Interface	2.5 mm jack
RF Test Interface	For use by mobile network operators for RF network testing
Temperature	Normal working conditions: -10 to 55˚C Limited working conditions: 55 to 65˚C

Software

Ring tone	16 polyphonic MIDI for incoming calls
Voice Codec	FR, EFR, HR, AMR
Two path audio	Earphone and Receiver
GPS	• SiRF Star III chipset • Receive 20 channels, L1 1575.42 MHz,C/A code 1.023 Mhz chip rate • DGPS accuracy 1 to 5m,typical 0.05m/s • Acquisition rate (TTFF defined at 95% of first position local station)

	Standard GPS mode: - Hot start <10 seconds, average in open sky - Warm start <38 seconds, average in open sky - Cold start <42 seconds, average in open sky
OTA	Over the air command settings from the SafeLinQ server using the SafeLinQ proprietary protocol
Motion Sensor	When activated, sends alert information when the sensor detects certain changes in the movement of the device
Speed Sensor	When activated, sends alert information when the speed threshold is met

In the Box:
Handset, Battery, Travel Charger, Handsfree Headset, Quick Start Guide, User Guide.

Available Accessories:
900 mAh Battery, Travel Charger, Car Charger, Desktop Charger, Handsfree Headset, Case, Belt Clip.

11. Troubleshooting and Safety info

TROUBLESHOOTING

Problem

After the SmartLinQ mobile is turned on, the GSM LED continually flashes rapidly.

Reason

The SIM card is not inserted.

The SIM card has been inserted but is protected by a PIN code.

Where the signal is too weak, the SmartLinQ mobile cannot register on the mobile network.

Solution

Insert the SIM card into the SmartLinQ mobile.

Take out the SIM card and insert it into your mobile phone. Using your mobile phone, disable the PIN code then re-insert it in the SmartLinQ mobile.

Please move the SmartLinQ mobile to a place where the mobile network signal is stronger.

Problem

The location of the SmartLinQ mobile cannot be found.

Reason

The SmartLinQ mobile is not in satellite coverage.

Solution

Move the SmartLinQ mobile to a place where it has satellite coverage, e.g. outdoors and away from tall buildings.

Problem

The SmartLinQ mobile cannot be switched on.

Reason

The battery is not charged.

The Power/Hang Up button was not pressed long enough.

Solution

Make sure the charger is connected correctly at both the mains and the SmartLinQ mobile.

Make sure the battery is fitted correctly. Press the Power/Hang Up button for at least 3 seconds in order for the SmartLinQ mobile to switch on.

SAFETY INFORMATION

Please do not remove the battery when the SmartLinQ mobile is charging.

If you are unable to switch the SmartLinQ mobile off, please remove the battery for 3 seconds and then replace back on the SmartLinQ mobile. The SmartLinQ mobile will now be switched off.

To avoid damage to your ear from the ring tone, when the SmartLinQ mobile rings, first press the answer button and then move the SmartLinQ mobile to your ear.

- *Do not allow the SmartLinQ mobile to overheat.*
- *Do not keep your SmartLinQ mobile in a humid place.*
- *Do not expose the SmartLinQ mobile to direct sunlight.*
- *Switch off the SmartLinQ mobile when in aircraft.*
- *Switch off the SmartLinQ mobile if near medical equipment.*

SMARTLINQ 12. Warranty conditions

SafeLinQ (and/or it's authorized distributor) warrants this product as free of defects in material, design and workmanship for a 24 month period from the original date of purchase. If, during the period of warranty, this product proves defective under normal use and service please contact SafeLinQ and/or it's authorized distributor and one of our customer services team will be able to assist you. The liability of SafeLinQ and its authorised service distributor is limited to the cost of repair and/or replacement of the unit under warranty

1. The warranty is only valid upon presentation of the original invoice or sales slip giving the date of purchase, where purchased from, model, serial/IMEI number and product number. SafeLinQ reserves the right to refuse warranty service if this information has been removed or changed after the original purchase of the product.
2. SafeLinQ's obligations are limited to the repair of the defective part and, at its discretion, replacement of the product.
3. The warranty will not cover any repairs carried out by non SafeLinQ centres or damage caused by such repairs.
4. Repair or replacement under the terms of this warranty does not give right to extension to or a re-start of the period of warranty. Repair or direct replacement under the terms of this warranty may be carried out using parts or units with equivalent functionality but not necessarily identical ones.
5. The warranty is not applicable in cases other than defects in material, design and workmanship. The warranty does not cover the following:
   - Periodic checks, maintenance, repair and replacement of parts due to normal wear and tear.
   - Abuse or misuse, including but not solely limited to, the failure to use this product for its normal purposes or in accordance with SafeLinQ's instructions, usage and maintenance.
   - Upgrading of software due to changes in network parameters.
   - The product has been used with accessories not approved by SafeLinQ for use with this product.
   - Failure of the product arising from incorrect installation or use not consistent with technical or safety standards in current force or failure to comply with product manual instructions.
   - Accidents, acts of God or any cause beyond the control of SafeLinQ caused by lightning, water, fire, public disturbances and improper ventilation.
   - Unauthorised modifications carried out on the product to comply with local or national technical standards in countries where the SafeLinQ product was not originally designed to be used.
   - Damage of the battery caused by overcharging or failure to use in accordance with the specific instructions of care outlined in the product user guide.
   - Repairs performed by non-authorised service centres such as opening of the product by a non-authorised person.
   - The model, serial/IMEI number and product number on the product has been altered, deleted, removed or made illegible.
   - The battery has been charged using an unapproved battery charger.
   - Any of the seals on the battery enclosure or cells are broken or show evidence of tampering.
6. This warranty does not affect the consumer's statutory rights nor the consumer's rights against the vendor from their purchase/sales agreement. This warranty will be the purchaser's sole and exclusive remedy and neither SafeLinQ nor its subsidiaries or distributors, retailers or dealers shall be liable for any incidental or consequential damages for breach of any express or implied warranty to this product.

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